

To: Burke, Thomas[Burke.Thomas@epa.gov]; Kelley, Jeff[kelley.jeff@epa.gov]; Purchia, Liz[Purchia.Liz@epa.gov]; Kaplan, Robert[kaplan.robert@epa.gov]
From: Grantham, Nancy
Sent: Tue 4/12/2016 2:17:45 PM
Subject: FW: On The Record / Last Night's City Council Meeting /Handouts for Today's Community Meeting in Flint / Response to the Government Agencies
[Scott Smith-Water Defense Statement Flint 04-09-16.pdf](#)
[Scott Smith-Water Defense Summary Statement Flint 03-10-16.pdf](#)
[Zelikoff Pb oxide.pdf](#)
[Whelton Decontaminating Plumbing Systems.pdf](#)

From: Scott Smith [mailto:ssmith@waterdefense.org]
Sent: Tuesday, April 12, 2016 9:47 AM
To: Scott Smith <:ssmith@waterdefense.org>
Subject: FW: On The Record / Last Night's City Council Meeting /Handouts for Today's Community Meeting in Flint / Response to the Government Agencies
Importance: High

From: Scott Smith <:ssmith@waterdefense.org>
Date: Tuesday, April 12, 2016 at 9:40 AM
To: "Dr. Mona Hanna-Attisha" <MHanna1@hurleymc.com>, Mark Edwards <edwardsm@vt.edu>
Cc: Melissa Mays <wateryoufightingfor@gmail.com>, Rick Carter <rick@michfa.org>, Art Reyes <AReyes@populardemocracy.org>, Amy Lange <amy.lange@foxtv.com>, Andrew Keller <andrew.keller@wnem.com>, Anthony Baxter <anthonywjbaxter@gmail.com>, Caresse Jackman <caresse.jackman@abc12.com>, Ilse Hayes <ihayes@sbgvtv.com>, Kane Farabaugh <kfarabau@voanews.com>, Natalie Zarowny <natalie.zarowny@abc12.com>, Stephanie Parkinson <sparkinson@sbgvtv.com>, Jim Lynch <JLynch@detroitnews.com>, Jacob Carah <jacobcarah@gmail.com>
Subject: On The Record / Last Night's City Council Meeting /Handouts for Today's Community Meeting in Flint / Response to the Government Agencies

Dr. Hanna-Attisha and Dr. Edwards,

I have been attempting to reach both of you to discuss the comprehensive Water Defense testing. I truly admire and respect your efforts, research, and work to protect the community of Flint. Water Defense believes it is important for all data and research to be transparent, considered, and reviewed in its entirety to best preserve and protect the health and well-being of all residents of Flint.

Last night, I spoke at the City Council meeting and entered my 04-09-16 statement (first attachment) into the record along with hand delivering all of the attached prior statements and scientific papers.

Note that Water Defense has done instant grab sample testing to determine the state of the water as it enters the homes, to the water heaters, to all human exposure points in sinks/bathtubs/showers. I have yet to see any of the comprehensive detailed lab reports done by the EPA and/or Virginia Tech and/or MI DEQ. I have provided the detailed Water Defense reports to the EPA and MI DEQ and would appreciate the same in return in the spirit of transparency for the best interest of the health and well-being of the residents of Flint.

I will be providing both of you with additional information from the Water Defense toxicologists and other experts that review my 3rd party testing data. The immediate concerns raised by Water Defense toxicologists are detailed in the attached information.

I am very concerned about the water heaters in schools, nursing homes, and in all residents' homes along with preponderance of health symptoms exhibited within the community from what appears to be bathing/showering. I am not aware of any other water heater testing and/or hot shower/bathtub testing for the full spectrum of chemicals (including Volatile's that can penetrate the skin via dermal absorption and/or inhaled directly into the lungs) other than Water Defense. If you are aware of any other testing of water heaters and/or hot shower/bathtub water that was used to determine the bathtub/shower water safe for the community of Flint, please let me know as soon as possible as I am working to support the community of Flint directly on the ground here in Flint.

Please note the attached papers from Dr. Judith Zelikoff about the inhalation risks of Particulate Lead and the data collected by Dr. Andrew Whelton from recent contamination events and associated findings in plumbing systems. It may be that the flushing recommendations issued last Friday by the MI DEQ and the EPA could increase the risk of released volatile chemicals and/or aerosolized particulates that pose risks of inhalation.

Have either one of you considered the inhalation and dermal absorption human exposure pathways when making your recommendations? I am concerned about the EPA and MI DEQ comparing water treatment plant water testing data to drinking water standards only to make their determinations – as it seems that complete testing for the full spectrum of chemicals in actual bathrooms/showers and water heaters in homes along with considering all human exposure pathways of inhalation, dermal, and ingestion before affirmative declarations are made that the water is safe to shower and bathe in for all residents of Flint.

Note that Water Defense began air testing of showers (using certified 3rd parties) in bathrooms over this past weekend along with more water heater testing (with instant grab samples side by side with

cumulative exposure testing developed by Water Defense). All of our water testing is done by ALS Environmental Laboratories and I look forward to comparing our detailed testing data alongside Virginia Tech, MI DEQ, and EPA.

Please see my note below from the community meeting I spoke at on Saturday.

Thanks.

Best Regards,

Scott Smith

Chief Technology Officer & Investigator

Water Defense

Twitter @WaterWarriorOne

(508) 345-6520

From: "Scott Smith" <ssmith@waterdefense.org>

To: "Scott Smith" <ssmith@waterdefense.org>

Sent: Saturday, April 9, 2016 10:47:36 AM

Subject: Handouts for Today's Community Meeting in Flint / Response to the Government Agencies

All,

Please see attached Statement and other handouts for Today's Community Meeting in Flint at St. Michael's Church. I will be addressing the science and facts behind Water Defense's research and testing to date in Flint at today's meeting (11:30 am, 609 E 5th Ave, Flint, MI 48503, St. Michael's Church).

Given the *Detroit News Article* this morning (link here:<http://www.detroitnews.com/story/news/michigan/flint-water-crisis/2016/04/08/group-fears-bathing-risks-flint-water/82823590/>) and the statement released yesterday by the Agencies relative to flushing pipes / particulate lead, the scientific papers attached to this e-mail from Dr. Judith Zelikoff (NYU toxicologist whom reviews my work) and Dr. Andrew Whelton (Purdue and expert in contaminated plumbing systems) point out key scientific research and facts that must be taken into consideration to preserve and protect the health and well being of the Flint residents.

Best Regards,

Scott Smith

Chief Technology Officer & Investigator

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